

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021822AL\
 Data File : FD041210.D
 Signal(s) : FID2B.CH
 Acq On : 19 Feb 2022 2:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 19 02:54:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.233	530081	18.966 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
12) S 1-chlorooctadecane (S...	12.674	402262	19.215 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.079	446659	19.831 ug/ml
2) T n-Decane (C10)	4.138	453213	20.138 ug/ml
3) T A~Naphthalene (C11.7)	5.696	444219	19.991 ug/ml
4) T n-Dodecane (C12)	6.141	454726	19.804 ug/ml
5) T A~2-methylnaphthalene...	6.742	434127	20.210 ug/ml
6) T n-Tetradecane (C14)	7.919	464492	19.725 ug/ml
7) T n-Hexadecane (C16)	9.506	469492	19.528 ug/ml
8) T n-Octadecane (C18)	10.937	485518	19.348 ug/ml
10) T n-Eicosane (C20)	12.236	481394	19.221 ug/ml
11) T n-Heneicosane (C21)	12.845	484841	19.091 ug/ml
13) T n-Docosane (C22)	13.428	491321	19.629 ug/ml
14) T n-Tetracosane (C24)	14.523	511790	20.607 ug/ml
15) T n-Hexacosane (C26)	15.538	515714	21.273 ug/ml
16) T n-Octacosane (C28)	16.482	544084	22.596 ug/ml
17) T n-Tricontane (C30)	17.366	587285	24.647 ug/ml
18) T n-Dotriacontane (C32)	18.193	570744	25.447 ug/ml
19) T n-Tetratriacontane (C34)	18.973	506257	23.492 ug/ml
20) T n-Hexatriacontane (C36)	19.710	442320	22.246 ug/ml
21) T n-Octatriacontane (C38)	20.407	448951	23.697 ug/ml
22) T n-Tetracontane (C40)	21.192	372855	19.263 ug/ml

(f)=RT Delta > 1/2 Window

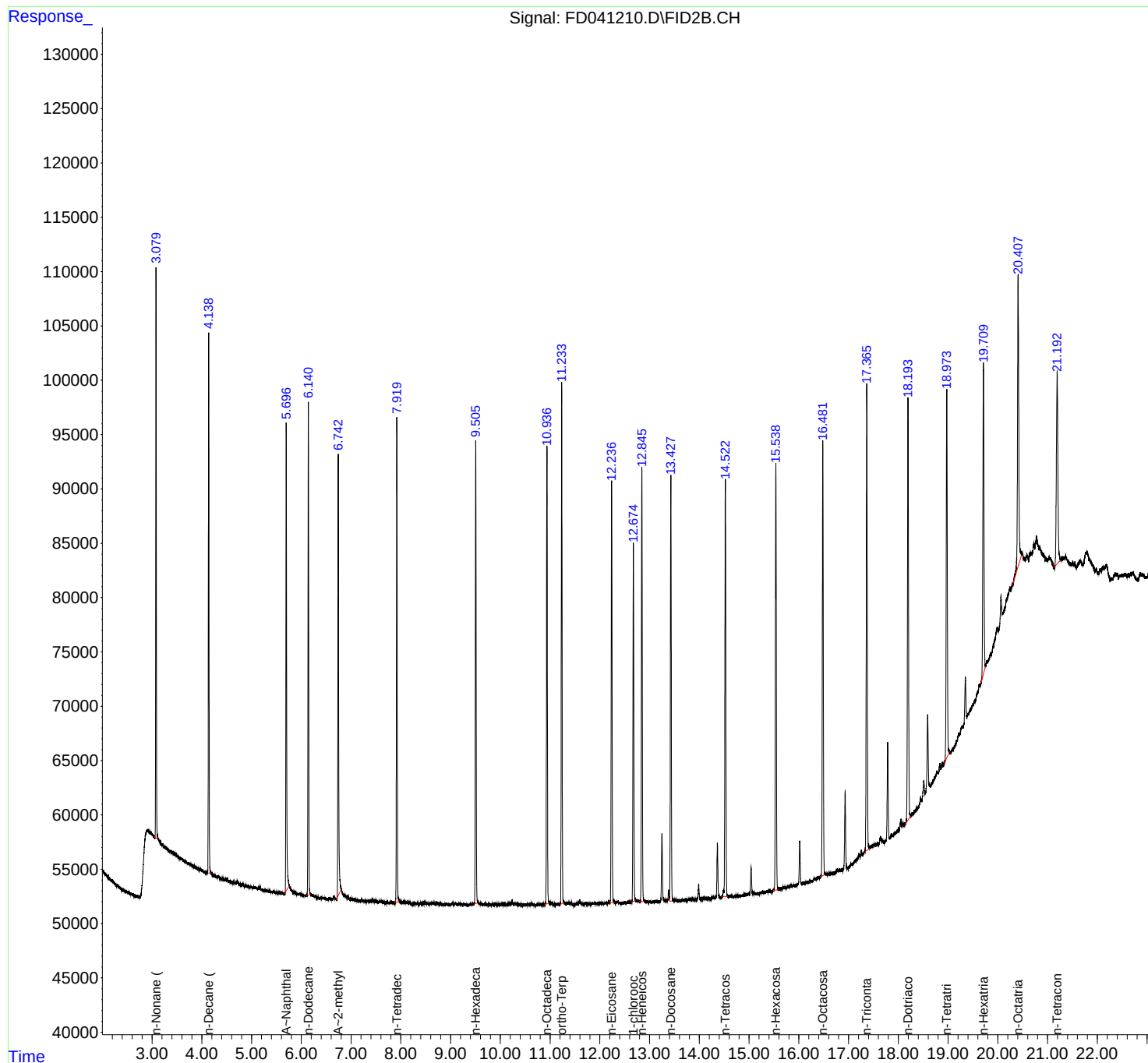
(m)=manual int.

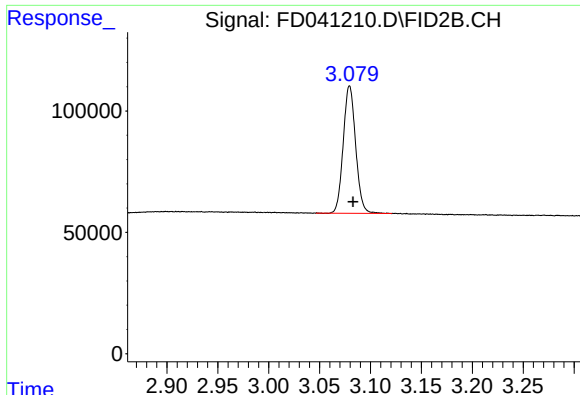
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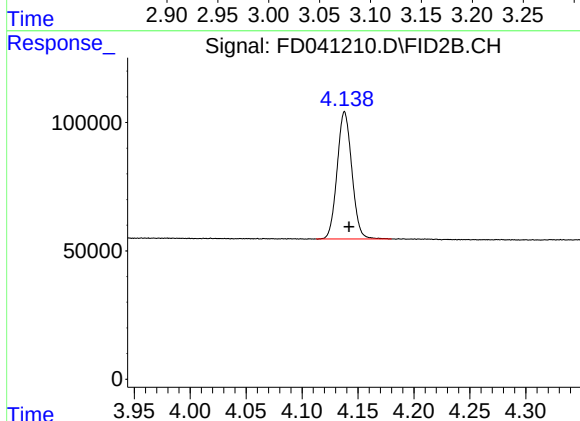




#1 n-Nonane (C9)

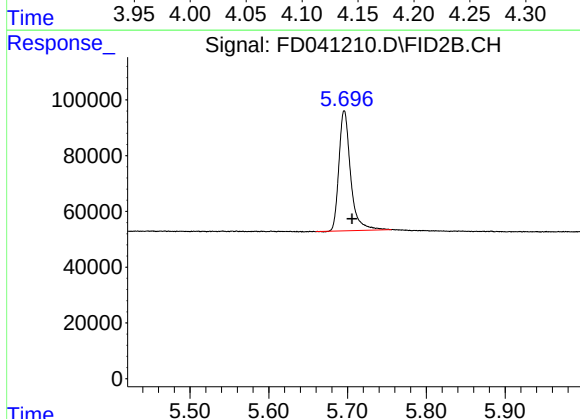
R.T.: 3.079 min
Delta R.T.: -0.004 min
Response: 446659
Conc: 19.83 ug/ml

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20 PPM ALIPHATIC HC STD



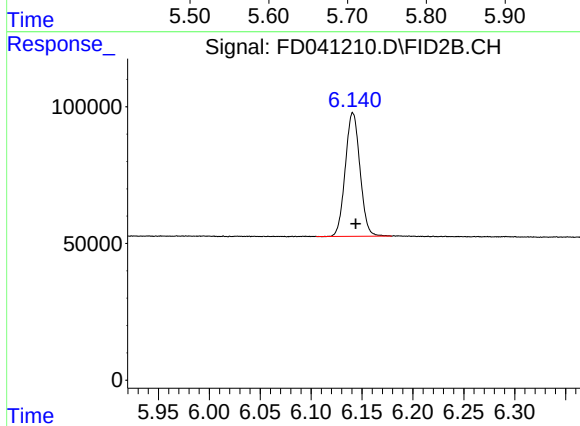
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 453213
Conc: 20.14 ug/ml



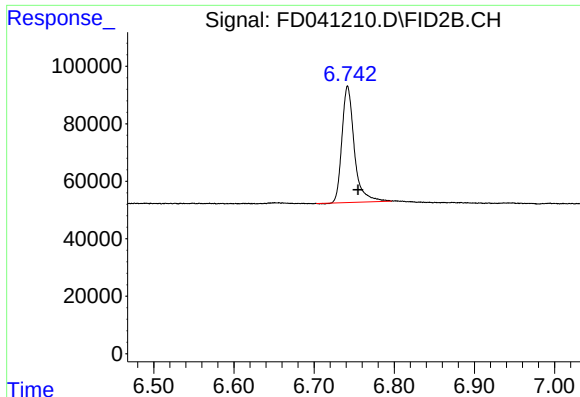
#3 A~Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.010 min
Response: 444219
Conc: 19.99 ug/ml



#4 n-Dodecane (C12)

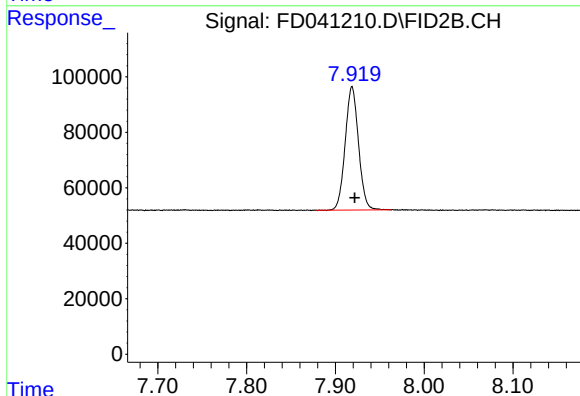
R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 454726
Conc: 19.80 ug/ml



#5 A~2-methylnaphthalene (C12.89)

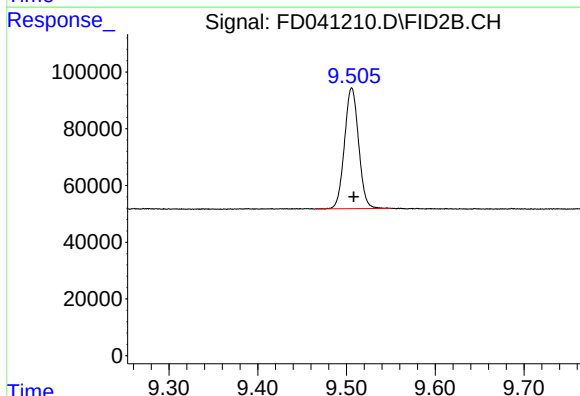
R.T.: 6.742 min
Delta R.T.: -0.013 min
Response: 434127
Conc: 20.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



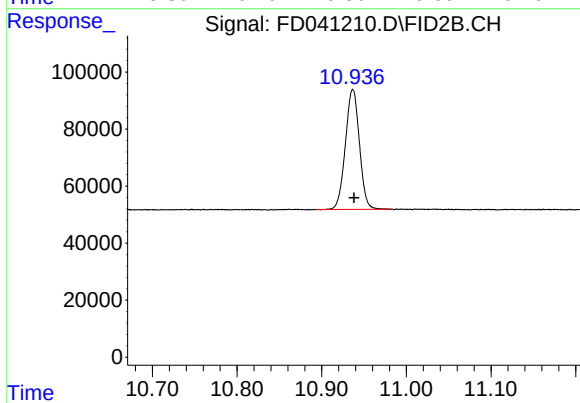
#6 n-Tetradecane (C14)

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 464492
Conc: 19.72 ug/ml



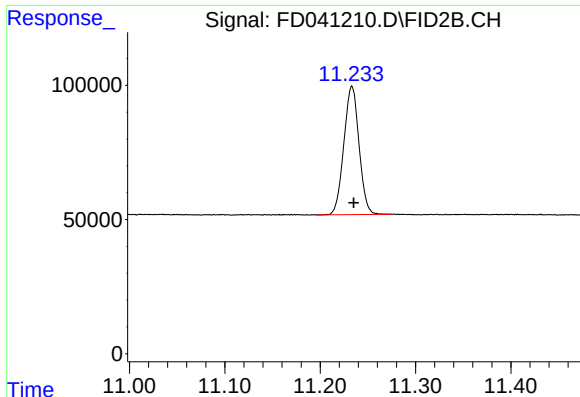
#7 n-Hexadecane (C16)

R.T.: 9.506 min
Delta R.T.: -0.002 min
Response: 469492
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

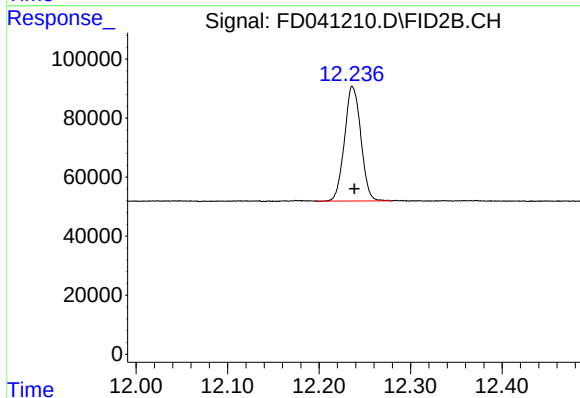
R.T.: 10.937 min
Delta R.T.: -0.001 min
Response: 485518
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

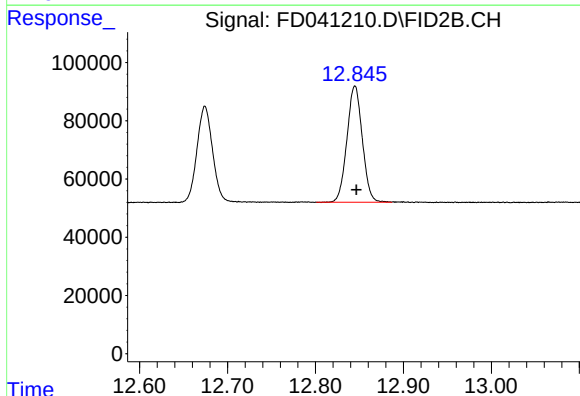
R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 530081
Conc: 18.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



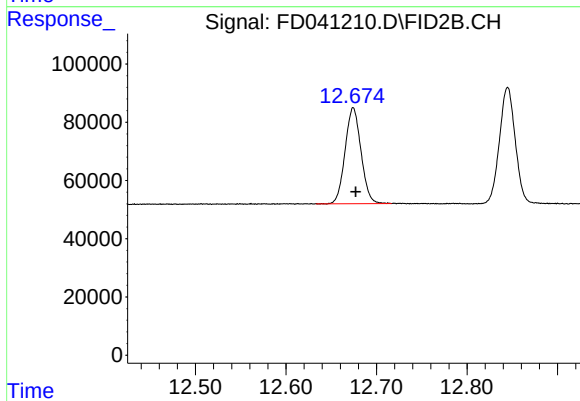
#10 n-Eicosane (C20)

R.T.: 12.236 min
Delta R.T.: -0.002 min
Response: 481394
Conc: 19.22 ug/ml



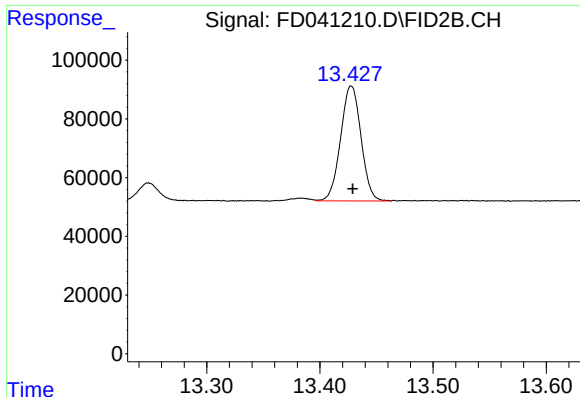
#11 n-Heneicosane (C21)

R.T.: 12.845 min
Delta R.T.: -0.002 min
Response: 484841
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

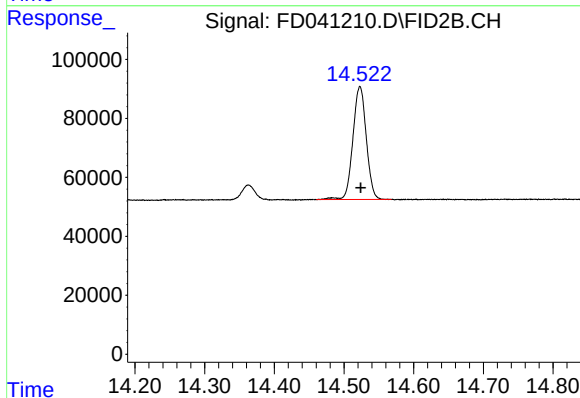
R.T.: 12.674 min
Delta R.T.: -0.003 min
Response: 402262
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

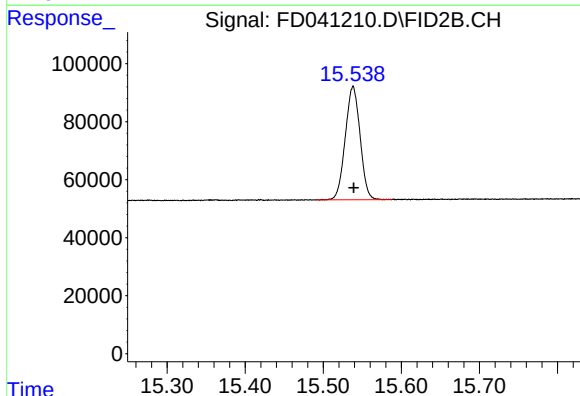
R.T.: 13.428 min
Delta R.T.: -0.001 min
Response: 491321
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



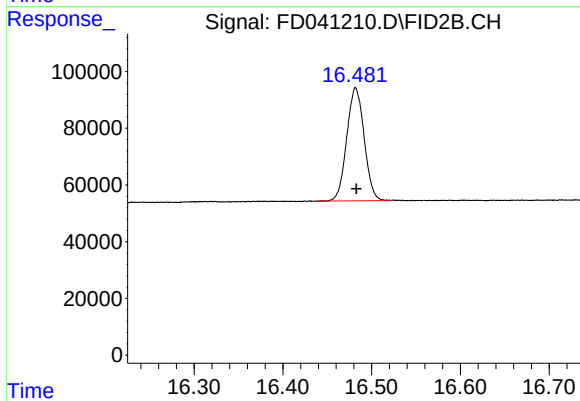
#14 n-Tetracosane (C24)

R.T.: 14.523 min
Delta R.T.: -0.001 min
Response: 511790
Conc: 20.61 ug/ml



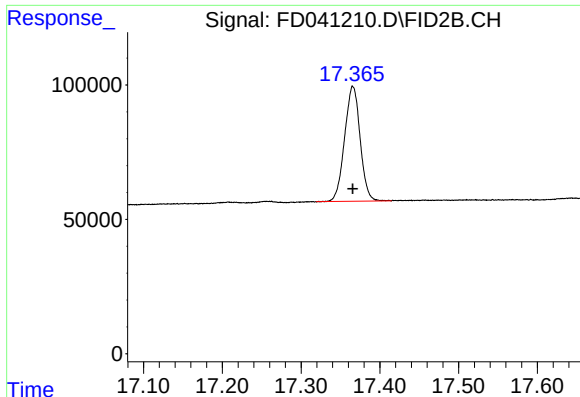
#15 n-Hexacosane (C26)

R.T.: 15.538 min
Delta R.T.: -0.001 min
Response: 515714
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

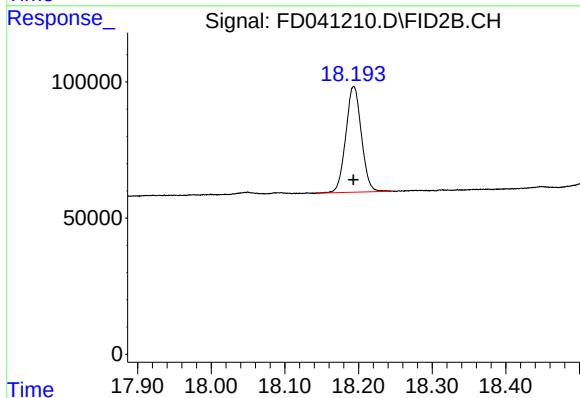
R.T.: 16.482 min
Delta R.T.: 0.000 min
Response: 544084
Conc: 22.60 ug/ml



#17 n-Tricontane (C30)

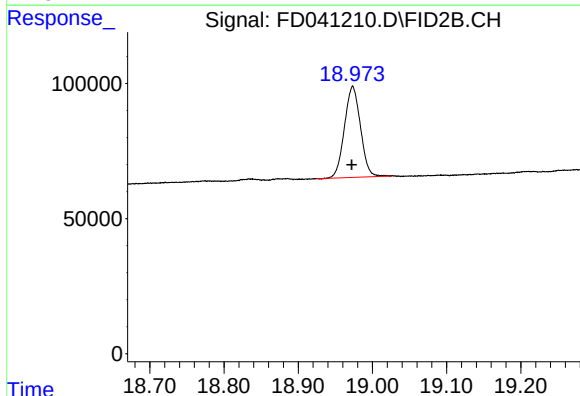
R.T.: 17.366 min
Delta R.T.: 0.000 min
Response: 587285
Conc: 24.65 ug/ml

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20 PPM ALIPHATIC HC STD



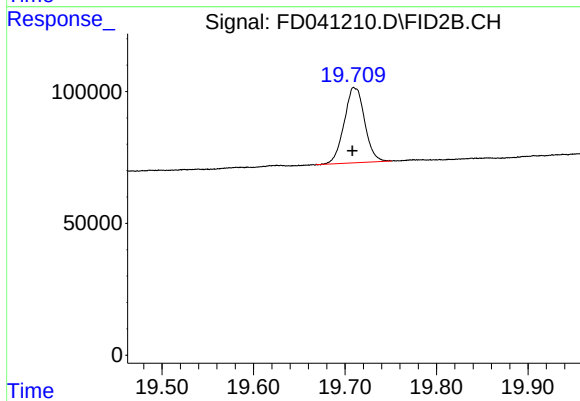
#18 n-Dotriacontane (C32)

R.T.: 18.193 min
Delta R.T.: 0.000 min
Response: 570744
Conc: 25.45 ug/ml



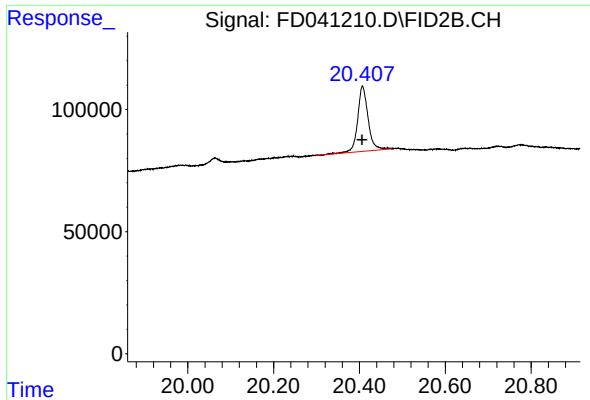
#19 n-Tetratriacontane (C34)

R.T.: 18.973 min
Delta R.T.: 0.001 min
Response: 506257
Conc: 23.49 ug/ml



#20 n-Hexatriacontane (C36)

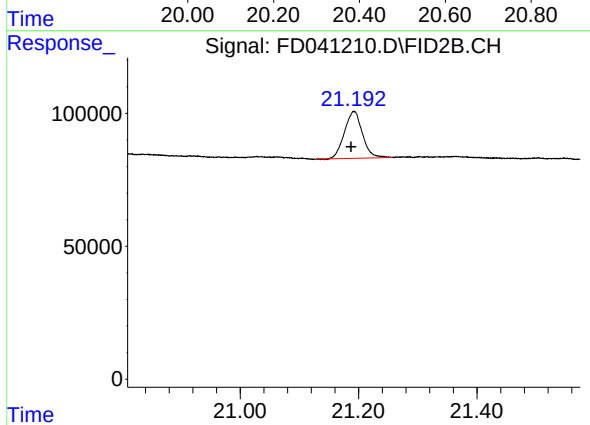
R.T.: 19.710 min
Delta R.T.: 0.002 min
Response: 442320
Conc: 22.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: 0.001 min
Response: 448951
Conc: 23.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.192 min
Delta R.T.: 0.005 min
Response: 372855
Conc: 19.26 ug/ml